

**WE CLAIM AS OUR INVENTION:**

1. A patient positioning device comprising:  
a patient positioning plate adapted to receive a patient thereon to position the patient for interaction with a medical apparatus;  
said patient positioning plate being composed of a fiber composite; and  
a heating device integrated in said patient positioning plate comprising a planar heating element adapted to interact with the patient on the patient positioning plate to warm the patient.
2. A patient-positioning device as claimed in claim 1 wherein said heating device is non-removably integrated in said patient positioning plate.
3. A patient positioning device as claimed in claim 1 wherein said heating device comprises a module adapted to be removably inserted in said patient positioning plate so as to be flush with an exterior contour of said patient positioning plate.
4. A patient-positioning device as claimed in claim 1 wherein said fiber composite is a carbon fiber composite.
5. A patient-positioning device as claimed in claim 1 wherein said heating device comprises an electrical conductor disposed in said fiber composite and electrically isolated from said fiber composite by a composite adhesive.
6. A patient-positioning device as claimed in claim 1 wherein said heating device comprises a resistive heating layer formed by a conductor system that is transparent to x-rays.
7. A patient-positioning device as claimed in claim 1 wherein said heating device is comprised of carbon.

8. A patient-positioning device as claimed in claim 7 wherein said heating device is comprised of carbon fibers.

9. A medical device comprising:

a unit adapted to receive a patient therein for interacting with the patient for a medical purpose selected from the group consisting of examination and treatment;

a patient-positioning device adapted to move a patient into and out of said unit, said patient positioning device comprising a patient positioning plate adapted to receive a patient thereon;

said patient positioning plate being comprised of a fiber composite; and

a heating device integrated into said patient positioning plate, said heating device comprising a planar heating element adapted to interact with the patient on the patient positioning plate to warm the patient.

10. A medical device as claimed in claim 9 wherein said unit is an x-ray examination device.

11. A medical device as claimed in claim 9 wherein said unit is a computed tomography device.